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Fig. 1

“Y” Shape Bubble Pipes

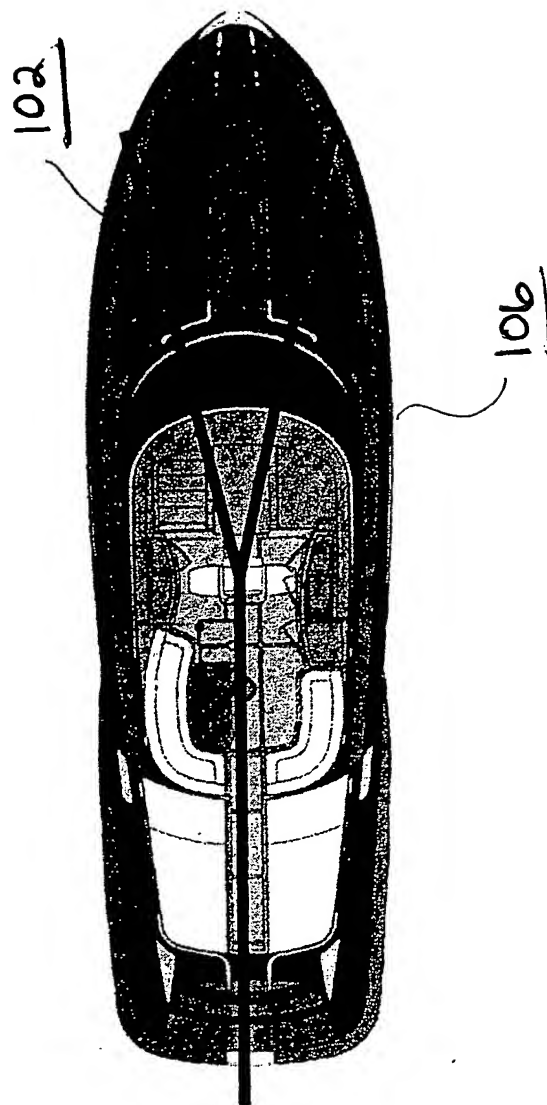
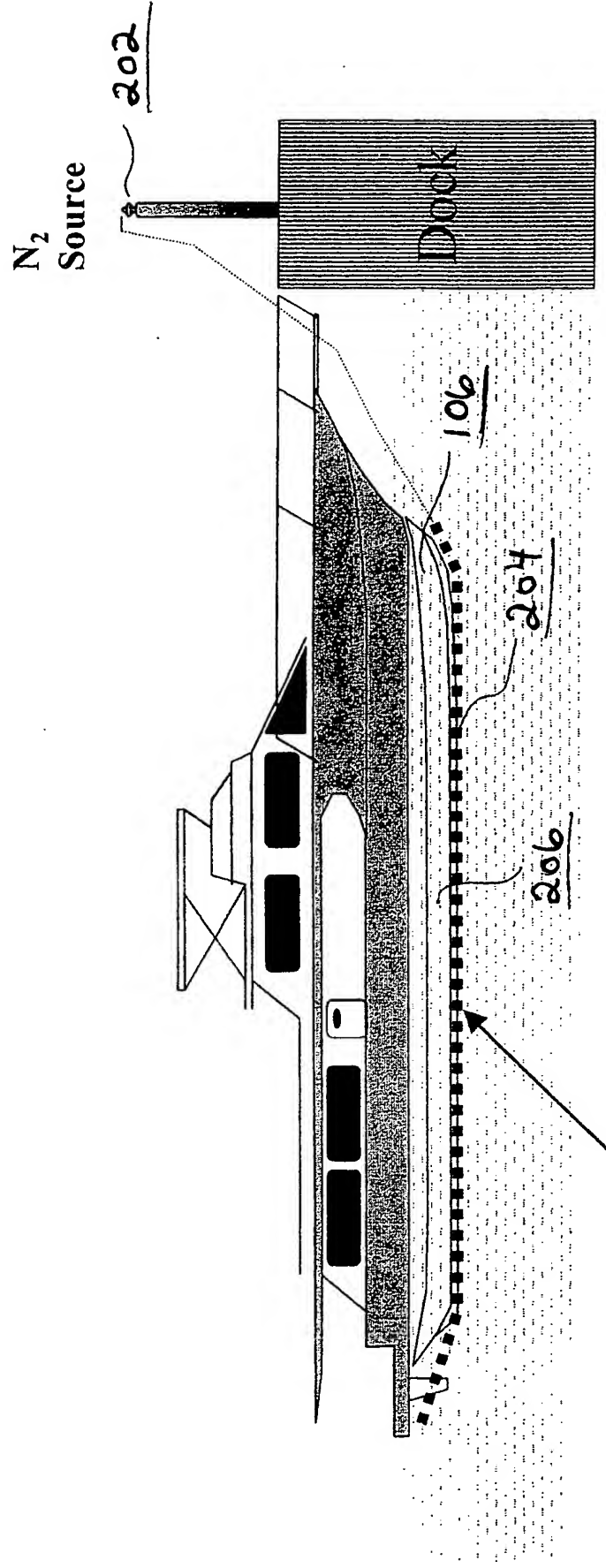


Fig. 2

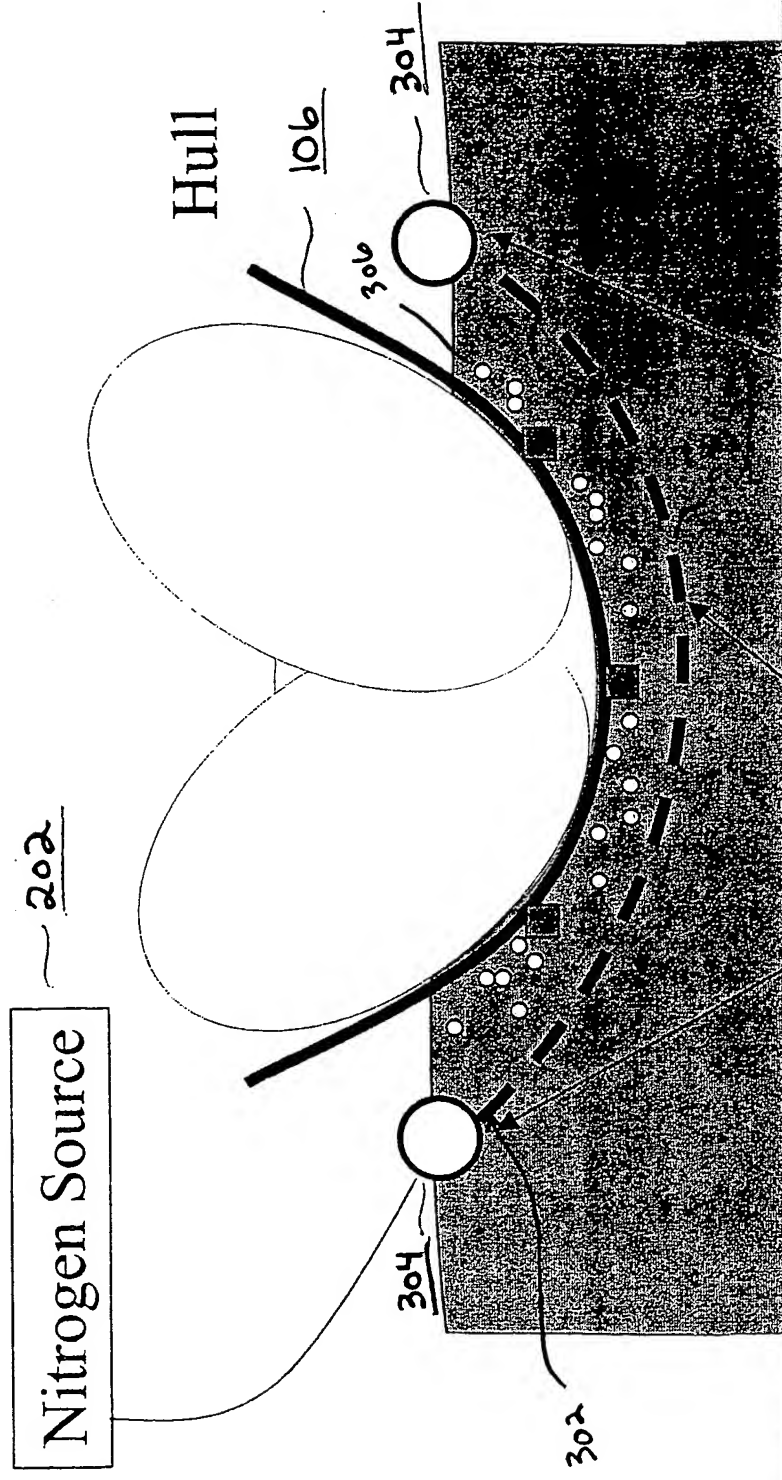
Barnacle Prevention System



N₂ Permeable Line At Keel on Both Sides
 Alternative Plan is A Channel Along the Keel With Holes to
 Emit Nitrogen as a Permanent Mounted System - Feed Could
 Be from Within Hull

Fig. 3

Inflatable Membrane Version



Inflatable Float with Permeable Membrane for N₂ Release

Fig. 4

Hull Mounted Version

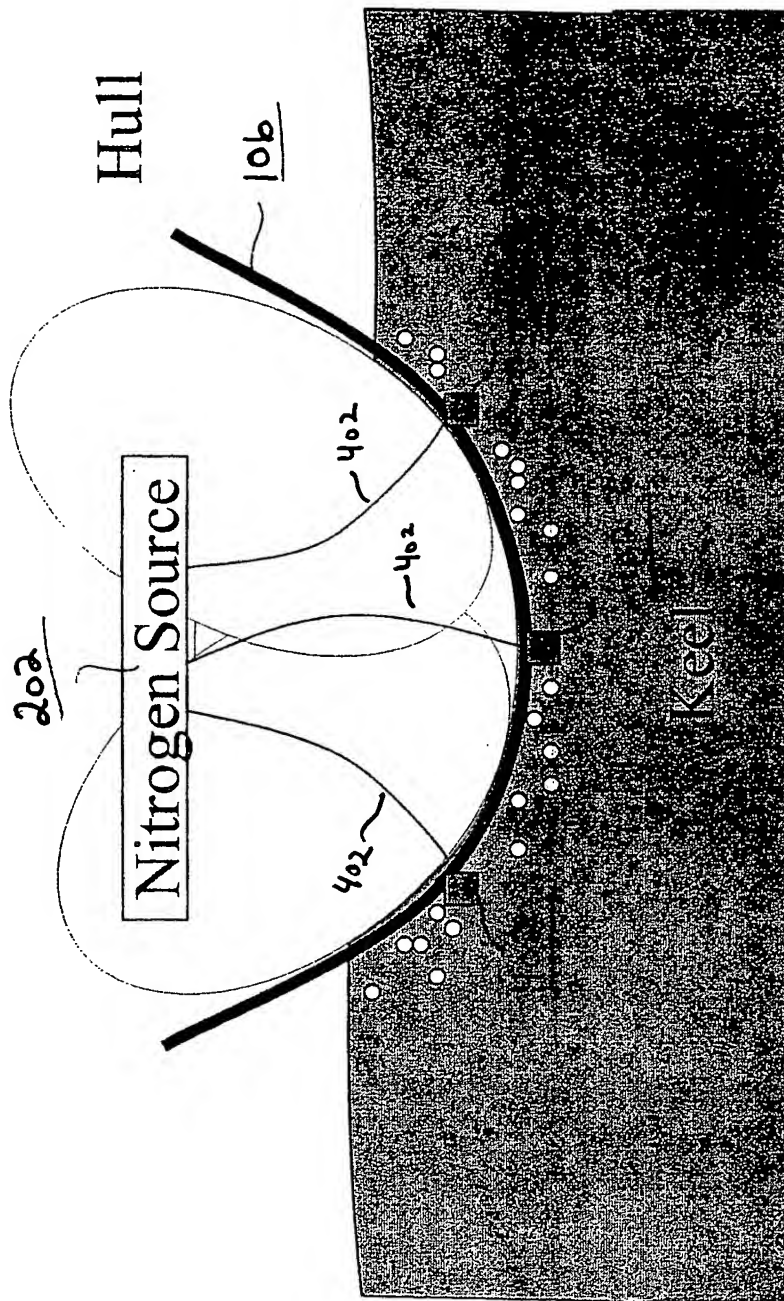
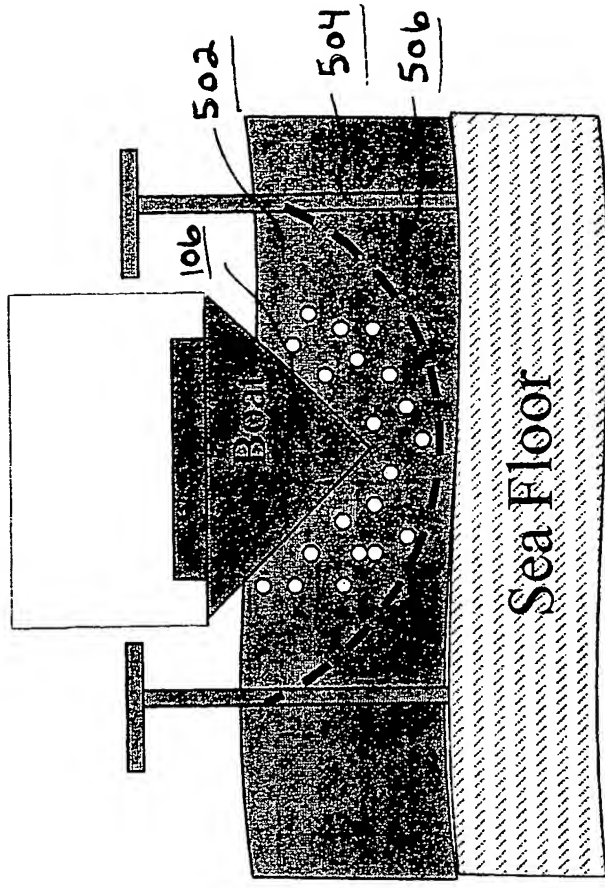
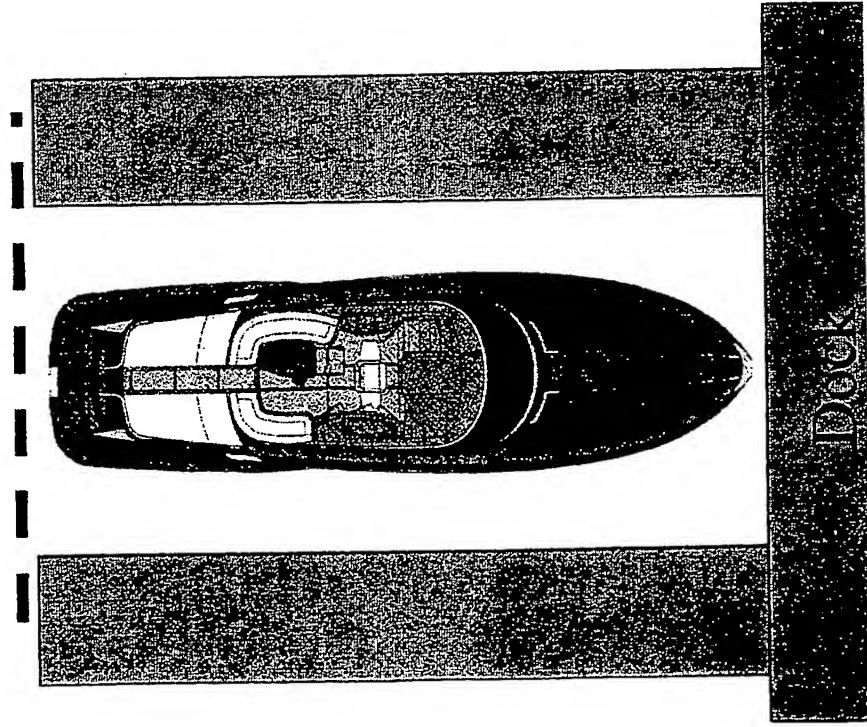


Fig. 5 Slip Configuration

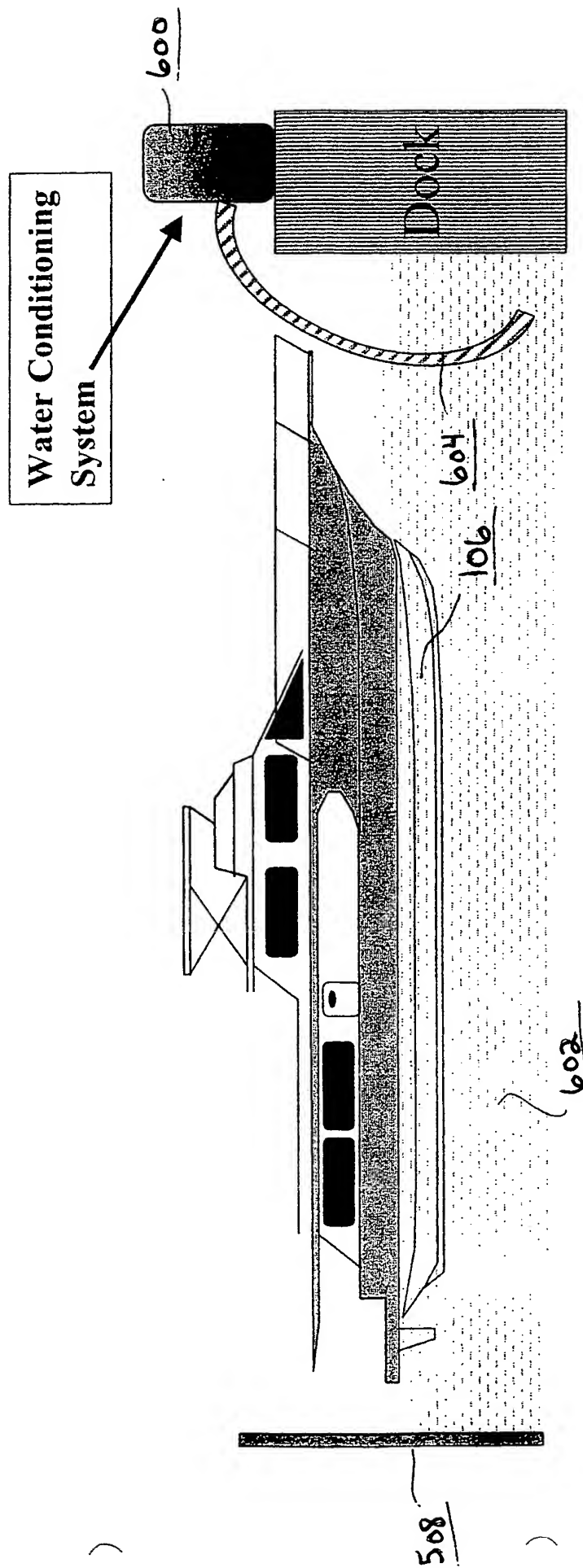
Back Gate to Prevent Water
Movement Through Slip 508



Slip with Walls or Bottom Blanket
Which Prevents Water Motion
Through The Slip
Reduces Nitrogen Required

Fig. 6

External to Slip Water Conditioning System



Onshore or on Dock water Treatment System for Water in Semi-contained Slip - slip may be a plastic or fiberglass bottom and sides to retain treated water. Return Water Conditioning Line may Join to a hull dispersion system instead of just returning to the slip water.

Fig. 7

"H" Shape Net

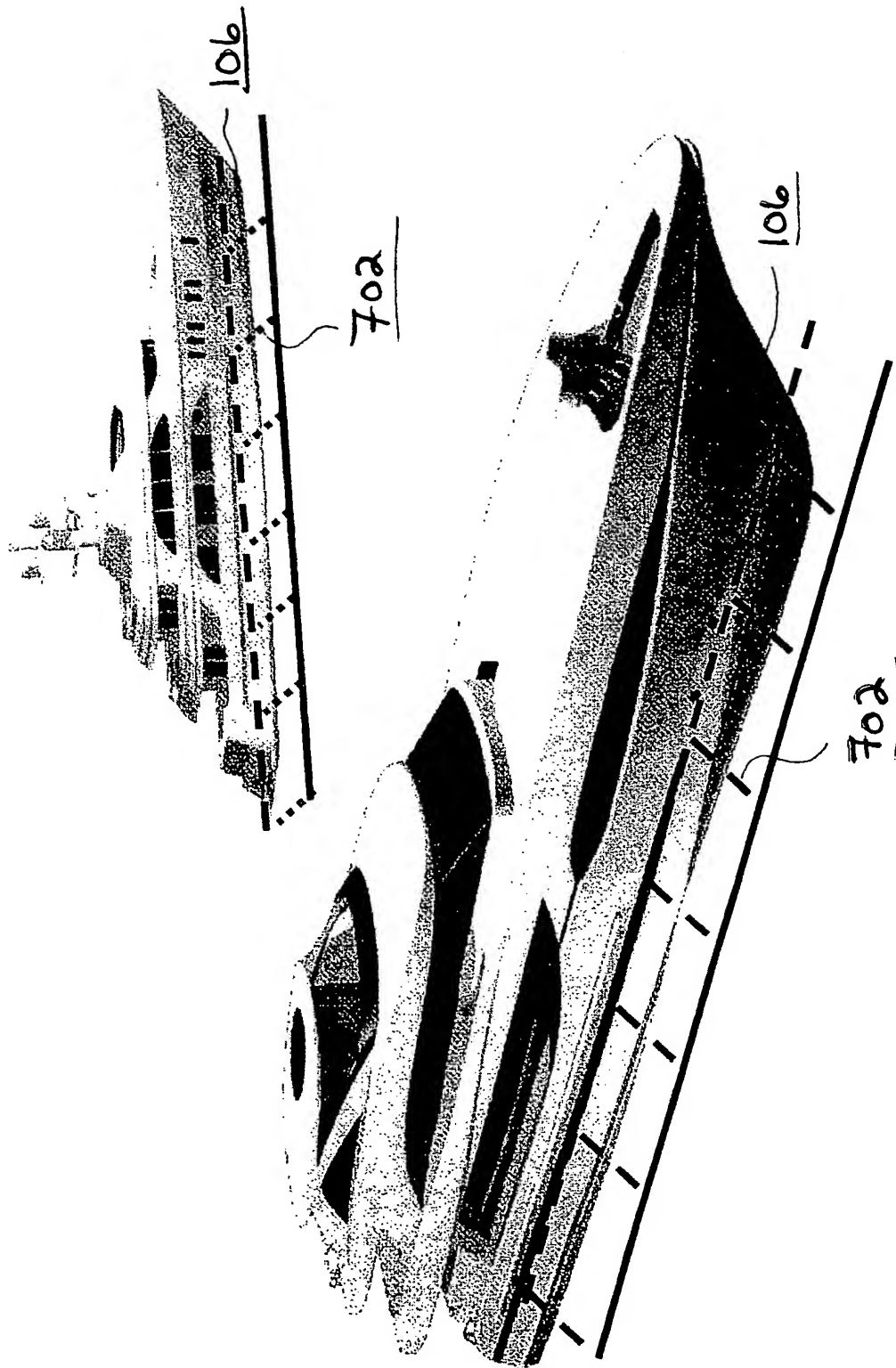
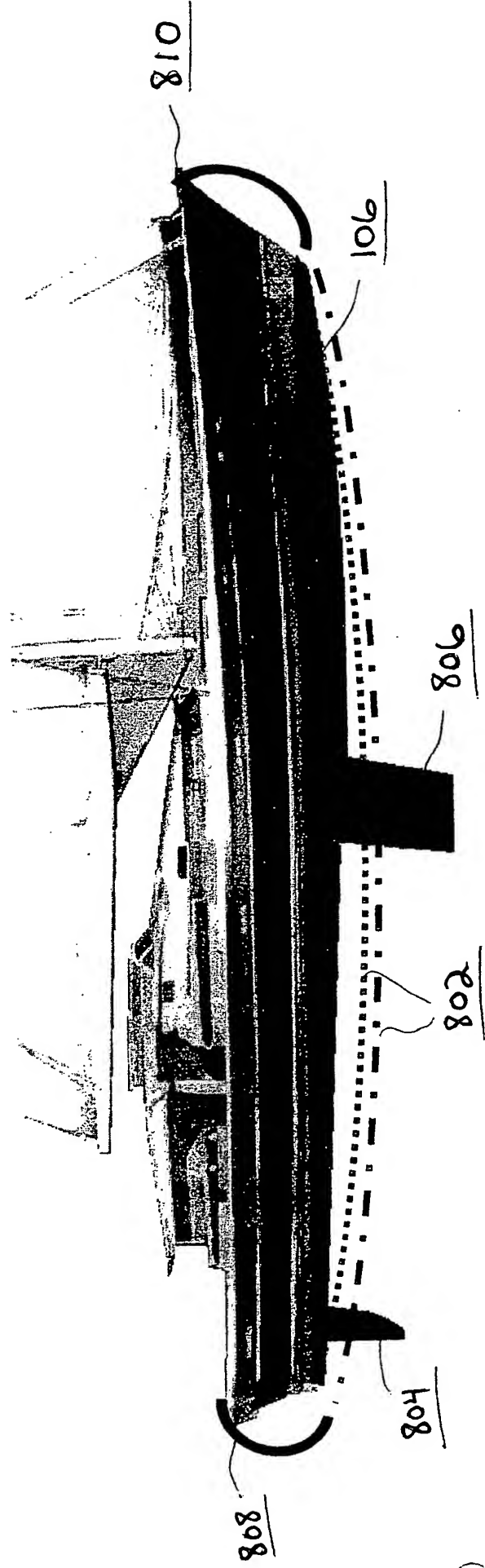


Fig. 8

Sailboat Configuration



One Bubble Rig on Each Side of Keel & Center Board
Connected at Bow and Stern -- Rigs Could Cris-Cross

Fig. 9

Test Setup

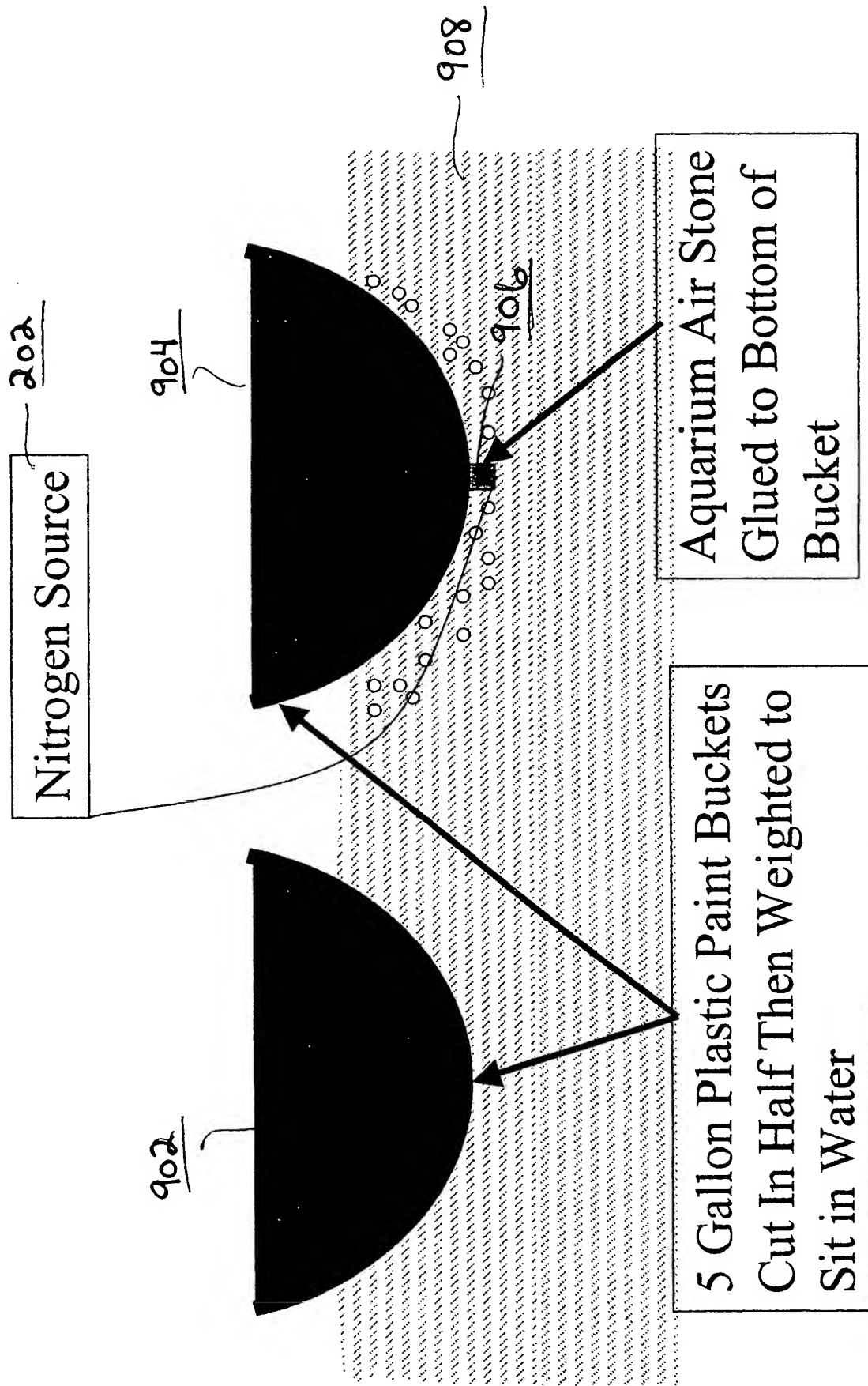


Fig .10

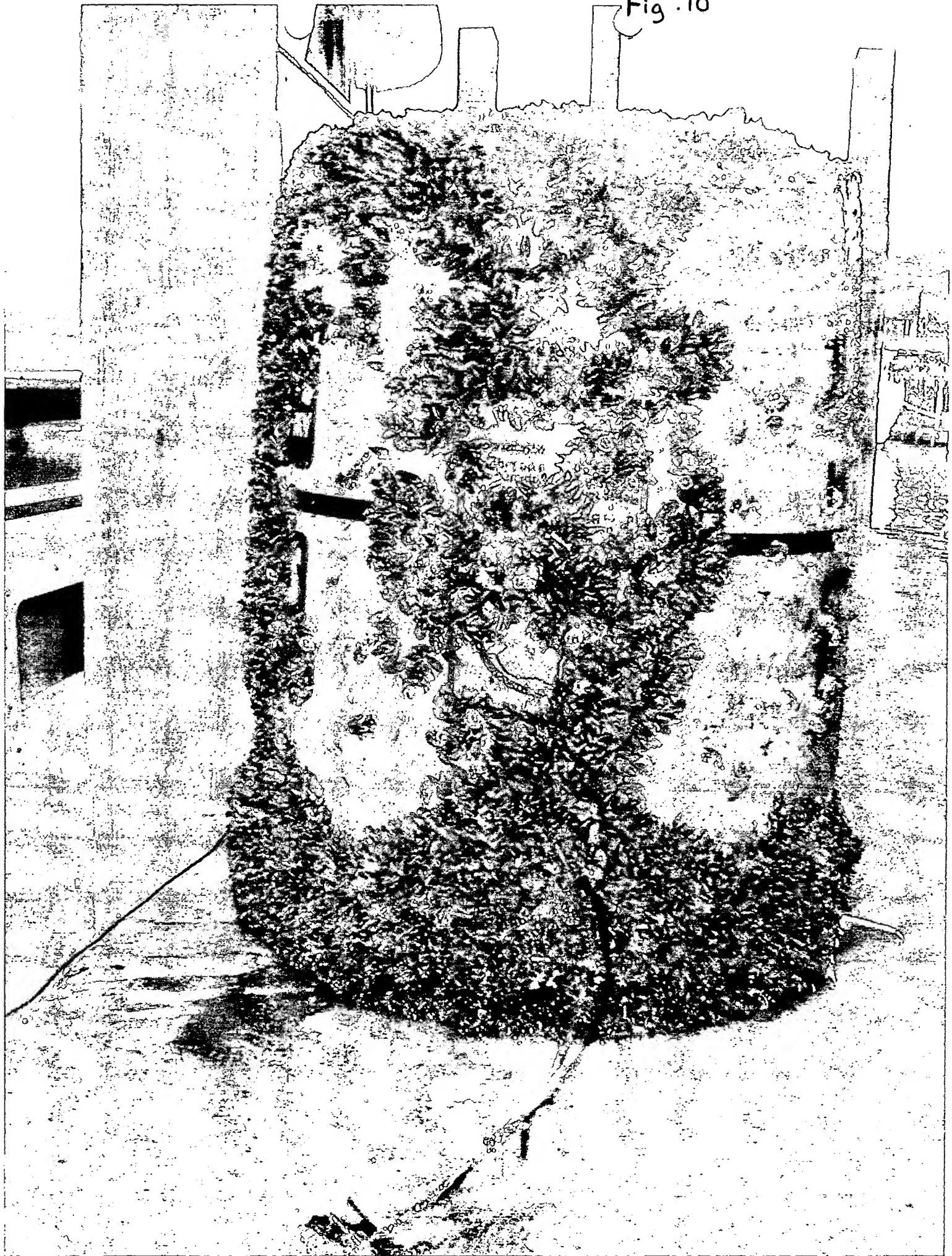


Fig. 11

